| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |
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Application/Control No.

10/624,357

Examiner

David S. Blum

Applicant(s)/Patent under Reexamination

LUKAS ET AL.

Art Unit

2813

| 7 | Rejected |
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|   | Allowed  |

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

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| Final | Original                         | 2/4/06     |          |          |          |          |              |  |          |                                     |  |
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|       | 3                                | -          |          |          |          |          |              |  |          |                                     |  |
|       | 4                                | -          |          |          |          |          |              |  |          |                                     |  |
|       | 5                                | -          |          |          |          |          |              |  |          |                                     |  |
|       | 6<br>7                           | -          |          |          |          |          |              | _  |          |                                     |  |
|       | 7                                | Ŀ          | _        |          | <u> </u> |          | _            | L  | _        | <u></u>                             |  |
|       | 8                                | <u>  -</u> | L.       | _        | _        |          | ļ.,          | L_   | L_       | L                                   |  |
|       | 9                                | -          | <u> </u> | <u> </u> | <u> </u> | _        | _            | _  | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |  |
|       | 10                               | -          |          | <u> </u> | ├        | <u> </u> | ⊢            | ⊢  |          |                                     |  |
|       | 11                               | <u> </u>   | _        | ⊢        |          | H        | <u> </u>     | ├  | ļ        | ├                                   |  |
|       | 12                               | ŀ          | -        | ┢        | -        | <b>-</b> |              | ├  | -        | ┢                                   |  |
|       | 12<br>13<br>14<br>15<br>16<br>17 | <u> </u>   | $\vdash$ | $\vdash$ | $\vdash$ | -        | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$                            |  |
|       | 15                               | H          | $\vdash$ | ┢        | $\vdash$ | -        | -            | $\vdash$   | $\vdash$ | -                                   |  |
|       | 16                               | +          | $\vdash$ | _        | ┢        | $\vdash$ | <del> </del> | ╁  | ┢        | ┢                                   |  |
|       | 17                               | -          |          | $\vdash$ | $\vdash$ | $\vdash$ |              | $\vdash$   | ├─       | ┢                                   |  |
|       | 18                               | -          |          | $\vdash$ |          |          | 1            | <del>                                     </del> | $\vdash$ | $\vdash$                            |  |
|       | 18<br>19                         | Ι-         |          |          | -        | -        | 1            |  |          |                                     |  |
|       | 20                               | -          |          |          |          | _        | <b>-</b>     | <b>-</b>   |          |                                     |  |
|       | 21                               | -          |          |          | Г        |          |              |  |          |                                     |  |
|       | 20<br>21<br>22                   | -          |          |          |          |          |              |  |          |                                     |  |
|       | 23                               | -          |          |          |          |          |              |  |          |                                     |  |
|       | 24                               | 1          |          |          |          |          |              |  |          |                                     |  |
|       | 25                               | •          |          |          |          |          |              |  |          |                                     |  |
|       | 23<br>24<br>25<br>26<br>27<br>28 | Ŀ          |          | L        |          |          | _            | L  | _        | Ш                                   |  |
|       | 27                               |            |          | <u> </u> | _        |          | <u> </u>     | _  | _        |                                     |  |
|       | 28                               | •          |          | _        | _        |          | <u> </u>     |  | ╙        |                                     |  |
|       | 29<br>30                         | -          |          | <u> </u> | <u> </u> |          | <u> </u>     | <u> </u>   | ļ        | _                                   |  |
|       | 30                               | . >>       |          | _        | <u> </u> |          |              | <u> </u>   | <u> </u> | _                                   |  |
|       | 31<br>32                         | ~          |          | -        | -        | ├—       |              | ⊢  | ┝        |                                     |  |
|       | 33                               |            | _        | _        | $\vdash$ | ⊢        |              |  | -        | $\vdash$                            |  |
|       | 34                               | -          |          | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | ├  | $\vdash$ | -                                   |  |
|       | 34<br>35                         |            |          | $\vdash$ | $\vdash$ |          | ┢            | $\vdash$   | $\vdash$ |                                     |  |
|       | 36                               | -          | _        | -        | $\vdash$ | $\vdash$ | $\vdash$     | H  | $\vdash$ | -                                   |  |
|       | 37                               |            |          |          | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   |          | Н                                   |  |
|       | 38                               |            |          | Т        |          | Т        | _            | Г  |          | П                                   |  |
|       | 39                               |            |          |          |          |          |              | T  |          |                                     |  |
|       | 40                               |            |          |          |          |          |              |  |          |                                     |  |
|       | 41                               |            |          |          |          |          |              |  |          |                                     |  |
|       | 42                               |            |          |          |          |          |              |  |          |                                     |  |
|       | 43                               |            |          |          |          |          |              |  | Ш        |                                     |  |
|       | 44                               |            |          |          | Ш        |          | L            | L  |          | Ш                                   |  |
|       | 45                               | _          |          |          |          | <u> </u> | Щ            | Щ  |          | Щ                                   |  |
|       | 46                               |            |          |          | Щ        | -        | <u> </u>     | <u> </u>   | <u> </u> | _                                   |  |
|       | 47                               | _          | _        |          | <u> </u> | L        | <u> </u>     | <u> </u>   |          |                                     |  |
|       | 48                               | $\dashv$   | _        |          | ļ        |          |              | _  | -        | $\dashv$                            |  |
|       | 49<br>50                         | -          | _        |          | H        |          | $\vdash$     | $\vdash$   | Щ        | -                                   |  |
|       | วบ I                             |            | 1        |          |          |          |              |  |          |                                     |  |

| la    | im       |        |        |              | - 1      | Dat      | е        |          |  |              | ] [ | Cla   | im       |          |          |   |          | Date     | е        |          |          |          |
|-------|----------|--------|--------|--------------|----------|----------|----------|----------|--|--------------|-----|-------|----------|----------|----------|---|----------|----------|----------|----------|----------|----------|
|       | Original | 2/4/06 |        |              |          |          |          |          |  |              |     | Final | Original |          |          |   |          |          |          |          |          |          |
|       | 1        | -      |        |              |          |          |          |          |  |              | ]   |       | 51       |          |          |   |          |          |          |          |          |          |
| _     | 2        | -      |        | L            | _        | L        | _        |          | L  | 乚            |     |       | 52       |          |          |   |          | _        | _        | L        | L        |          |
| _     | 3        | Ŀ      | L_     | L.           | 匚        | _        |          |          |  | _            |     |       | 53       |          |          |   |          | <u> </u> |          | L        | ᆫ        |          |
| _     | 4        | -      |        | _            | L        |          |          | L_       | L  | ╙            |     |       | 54       |          |          |   | L        | <u> </u> | L        |          | <u> </u> |          |
| _     | 5        | -      |        | <u></u>      | _        | <u> </u> | _        | _        | <u> </u>   | <u>_</u>     |     |       | 55       |          |          |   |          | _        | _        | L        | _        |          |
| 4     | 6        | Ŀ      | Ļ      | _            |          | <u> </u> |          | _        | _  | _            |     |       | 56       | _        |          |   | _        | _        |          | <u> </u> | L.       | _        |
| 4     | 7        | Ŀ      |        |              |          | _        |          | <u> </u> | <u> </u>   | <u> </u>     |     |       | 57       |          |          |   | <u> </u> | <u> </u> | ╙        | <u> </u> | <u> </u> |          |
| 4     | 8        | -      |        | _            | _        |          |          |          | <u> </u>   | L            |     |       | 58       |          |          |   | <u> </u> |          | ┡        | _        |          |          |
| 4     | 9        | -      |        | ├—           | <u> </u> | _        | _        | <u> </u> | -  | ⊢            |     |       | 59       | $\vdash$ |          |   | L        | ļ        | _        | <u> </u> | _        | L.       |
| 4     | 10<br>11 | -      | _      | ├—           |          | -        | <u> </u> | -        | $\vdash$   | ├-           |     |       | 60       | $\vdash$ | -        |   | H        |          | -        | <u> </u> |          |          |
| 4     | 12       | -      |        | -            |          |          | -        | -        | -  | <del> </del> |     |       | 61       |          | _        | _ | -        |          | _        | $\vdash$ |          | _        |
| ┥     | 13       | -      |        | ⊢            | ┝        | ļ        |          |          | ├  | ⊢            |     |       | 62<br>63 | $\vdash$ |          |   |          | <u> </u> |          |          |          |          |
| ┥     | 14       | -      |        | <del> </del> | ├        |          |          | $\vdash$ | $\vdash$   | $\vdash$     |     |       | 64       | $\vdash$ |          | _ | <u> </u> | -        |          |          | _        | _        |
| ┥     | 15       | -      | -      | ┢            | ⊢        | -        |          | $\vdash$ | $\vdash$   | -            | 1   |       | 65       | -        | -        | _ | _        | $\vdash$ |          |          | -        | Н        |
| ┪     | 16       |        |        | $\vdash$     | ┝        | -        |          | ┝        | ┢  | ┢            |     |       | 66       | -        |          |   | ┢        |          |          |          | _        | -        |
| ┪     | 17       | -      |        | $\vdash$     | $\vdash$ | $\vdash$ |          | -        | ├─   | ┢            |     |       | 67       |          |          | _ |          | H        |          | H        |          | Н        |
| +     | 18       | -      |        | $\vdash$     | $\vdash$ |          |          | -        | $\vdash$   | $\vdash$     |     |       | 68       | $\vdash$ |          |   | $\vdash$ | $\vdash$ |          | $\vdash$ | -        |          |
| 1     | 19       | -      |        |              | -        | -        |          |          | ┢  |              | 1   |       | 69       | $\vdash$ |          |   |          | $\vdash$ | -        |          |          | $\vdash$ |
| 1     | 20       | -      |        |              |          | -        |          | _        | <del>                                     </del> |              | 1 1 |       | 70       |          |          |   |          |          |          |          |          |          |
| 7     | 21       | -      |        |              | Г        |          |          |          |  |              | 1 1 |       | 71       | $\dashv$ |          | - |          | -        | _        |          | _        |          |
| 7     | 22       | -      |        |              |          |          |          | $\vdash$ |  |              | ii  |       | 72       |          |          | _ |          |          |          |          |          |          |
| ┪     | 23       | -      |        |              |          |          |          |          |  |              | 1 1 |       | 73       | П        |          |   |          |          |          |          |          |          |
| ╛     | 24       | •      |        |              |          |          |          |          |  |              | 1   |       | 74       |          | $\neg$   |   |          |          | Г        |          |          |          |
|       | 25       | •      |        |              |          |          |          |          |  |              |     |       | 75       |          |          | _ |          |          |          |          |          |          |
|       | 26       | •      |        |              |          |          |          |          |  |              |     |       | 76       |          |          |   |          |          |          |          |          |          |
|       | 27       | 1      |        |              |          |          |          |          |  |              | ] [ |       | 77       |          |          |   |          |          |          |          |          |          |
| ╛     | 28       | -      |        |              |          |          |          |          | L  | L            |     |       | 78       |          |          |   |          |          |          |          |          |          |
| _     | 29       | -      |        |              |          |          |          |          |  | L            |     |       | 79       |          |          |   | <u> </u> |          |          |          |          |          |
| 4     | 30       | ✓      |        |              |          |          |          |          | L_   |              |     |       | 80       | $\Box$   |          |   | _        |          |          |          |          |          |
| 4     | 31       | ✓      |        | _            |          | _        |          | _        | <u> </u>   | <u> </u>     |     |       | 81       |          | _        |   |          |          |          |          |          |          |
| 4     | 32       | -      | _      |              |          |          |          |          | _  | <u> </u>     |     |       | 82       | _        | _        |   |          |          |          |          |          |          |
| 4     | 33       | -      |        | _            |          |          |          | _        |  | ļ            |     |       | 83       |          | _        |   | $\perp$  |          |          |          |          | -        |
| 4     | 34       | -      |        |              |          |          |          |          |  | _            |     |       | 84       |          | -        | _ |          |          |          |          | _        | -        |
| 4     | 35       | -      | _      |              |          |          |          |          |  |              |     |       | 85       | _        |          |   | ļ        |          |          |          |          |          |
| +     | 36<br>37 |        |        | _            | _        |          | _        | _        | <u> </u>   | -            |     |       | 86<br>87 |          | _        | _ |          |          | H        | Н        |          | -        |
| +     | 38       | -      |        | -            |          | _        |          | _        | <u> </u>   | <u> </u>     |     | -     | 88       | $\dashv$ | -        |   |          | -        | -        | Н        | -        | _        |
| +     | 39       | H      |        | -            |          |          |          |          |  | _            |     |       | 89       | +        | _        |   |          |          | -        |          | -        | -        |
| +     | 40       |        |        | _            | -        | -        | -        |          | -  | _            |     |       | 90       | $\dashv$ | $\dashv$ |   |          |          |          | -        |          | $\dashv$ |
| +     | 41       |        | _      |              |          |          | _        |          |  |              | ŀ   |       | 91       | -+       | $\dashv$ |   | _        |          |          | -        | $\neg$   | $\dashv$ |
| +     | 42       |        | _      | $\neg$       | _        | _        |          | _        |  | _            | -   |       | 92       | $\dashv$ | _        |   |          |          |          |          |          | $\dashv$ |
| 7     | 43       |        |        | $\neg$       | =        |          |          | _        | _  | -            |     |       | 93       | $\dashv$ | $\dashv$ | _ | _        | -        |          |          | $\dashv$ | $\dashv$ |
| 1     | 44       |        |        | $\neg$       | $\neg$   |          |          |          |  |              |     |       | 94       | -        | $\neg$   | _ |          |          |          |          |          | $\dashv$ |
| 7     | 45       |        | $\neg$ |              |          | $\Box$   | $\neg$   |          |  | _            |     |       | 95       | 寸        | $\neg$   |   | $\Box$   | $\neg$   |          |          |          | $\dashv$ |
| 7     | 46       |        | $\neg$ | $\neg$       |          |          | $\neg$   |          |  | _            |     | 1     | 96       | _        | -        |   |          |          | $\vdash$ |          | $\dashv$ | $\dashv$ |
| 7     | 47       |        |        |              |          |          |          |          |  |              |     |       | 97       |          |          |   |          |          |          |          |          | $\neg$   |
| 1     | 48       |        |        |              |          |          |          |          |  |              |     |       | 98       |          | 寸        |   |          |          |          |          |          | $\neg$   |
| floor | 49       |        |        |              |          |          |          |          |  |              |     |       | 99       |          |          |   |          |          |          |          |          |          |
|       | 50       |        |        |              |          |          |          |          |  |              |     |       | 100      |          |          |   |          |          |          |          |          |          |
|       |          |        |        |              |          |          |          |          |  |              |     |       |          |          |          |   |          |          |          |          |          |          |

| Cl    | Γ                 | _        |          | 1  | Date     | <u>—</u>     |          |          |          |                 |
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| Final | Original          |          |          |  | l        |              |          |          |          |                 |
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|       | 101               |          |          | <del>                                     </del> | $\vdash$ | H            | Т        | <u> </u> |          | $\vdash$        |
|       | 102               |          |          | T  | Т        | ✝            |          |          |          | _               |
|       | 103               |          |          |  | _        | 1            | <b>-</b> | _        |          |                 |
|       | 103<br>104        |          | T        | Г  | Г        | $\vdash$     |          |          |          |                 |
|       | 105               |          | Г        |  |          | T            | T        | $\vdash$ | 1        |                 |
|       | 106               |          |          |  |          | Ι-           | 1        |          | T-       |                 |
|       | 107               |          |          |  | T        | $\vdash$     |          |          |          |                 |
|       | 108               |          |          |  |          | $\vdash$     | Τ        | Т        |          |                 |
|       | 109               |          |          |  |          | Т            |          |          |          |                 |
|       | 110               | Γ        |          |  |          |              |          |          |          |                 |
|       | 111               |          |          |  |          |              |          | Г        |          |                 |
|       | 112               |          |          |  |          |              |          |          |          |                 |
|       | 111<br>112<br>113 |          |          |  |          |              |          |          |          |                 |
|       | 114<br>115        |          |          |  |          |              |          |          |          |                 |
|       | 115               |          |          |  |          |              |          |          |          |                 |
|       | 116               |          |          |  |          |              |          |          |          |                 |
|       | 117               |          |          |  |          |              |          |          |          |                 |
|       | 118               |          |          |  |          |              |          |          |          |                 |
|       | 118<br>119        |          |          |  |          |              |          |          |          |                 |
|       | 120<br>121        |          |          | П  |          |              |          |          |          |                 |
|       | 121               |          |          |  |          |              |          |          |          |                 |
|       | 122               |          |          |  |          |              |          |          |          |                 |
|       | 122<br>123<br>124 |          |          |  |          |              |          |          |          |                 |
|       | 124               |          |          |  |          |              |          |          |          |                 |
|       | 125<br>126        |          |          |  |          |              |          |          |          |                 |
|       | 126               |          |          | L  |          |              |          |          |          |                 |
|       | 127               |          | L        | L  |          | _            | L        |          |          |                 |
|       | 128<br>129        |          |          | _  |          | _            | L        |          |          | Ш               |
|       | 129               |          |          |  |          |              | <u> </u> |          | L_       | Щ               |
|       | 130               |          |          |  |          |              |          |          |          |                 |
|       | 131<br>132        |          |          |  |          | L            | L_       | L        | <u> </u> | Ш               |
|       | 132               |          |          |  |          |              |          |          | L        | Ц               |
|       | 133               |          |          | lacksquare                                       |          |              |          | _        | <u> </u> | Щ               |
|       | 134               |          |          | <u> </u>   | _        | <u> </u>     |          | <u> </u> |          | Щ               |
|       | 135               |          |          | _  |          | _            |          |          |          | Ш               |
|       | 136               |          |          |  |          |              |          |          |          | Ш               |
|       | 137               |          |          | <u> </u>   |          | $oxed{oxed}$ |          |          | _        | Щ               |
|       | 138               |          | _        | _  |          | _            | _        |          |          |                 |
|       | 139<br>140        |          | _        |  |          | _            |          |          | _        |                 |
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|       | 145<br>146        |          | Н        | $\vdash\vdash$                                   | $\vdash$ | $\vdash$     | -        | -        | $\vdash$ | $\vdash$        |
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|       | 147               |          |          | $\vdash$   | $\vdash$ |              | _        |          |          | $\dashv$        |
|       | 148<br>149        |          | $\vdash$ | $\vdash$   | $\vdash$ | H            |          | <u> </u> |          | dash            |
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|       | 150               |          |          |  | لــــا   | $\sqcup$     |          |          |          | Ш               |